

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Previously Presented) A kit for delivery of a composition into an intraosseous space comprising:
  - at least one cannula;
  - at least one stylet insertable into the cannula and being movable therein;
  - at least one catheter having a substantially rigid high-porosity tip that is insertable into the cannula, wherein said porosity is about 60% to 90%; and
  - a system for delivery of aliquots of said composition into the intraosseous space via said catheter;wherein said composition comprises a restorative or viscous injectable material.
2. (Currently Amended) The kit of claim 1 wherein the catheter ~~is divided into~~ **graded comprises gradient** markings.
3. (Original) The kit of claim 1 wherein said high-porosity tip comprises polylactic acid.
4. (Original) The kit of claim 1 wherein said high-porosity tip is partially coated with non-porous or semi-porous material.
5. (Original) The kit of claim 4 wherein said material is a ceramic polymer or metal.
6. (Previously Presented) The kit of claim 4 wherein said material is calcium phosphate, PLLA, or titanium.
7. (Original) The kit of claim 4 wherein said material is biocompatible or resorbable.
8. (Original) The kit of claim 1 wherein said high porosity tip is biocompatible or resorbable.

9. (Original) The kit of claim 1 further comprising a catheter with a plurality of apertures near the distal end.

10.-55. (Cancelled)

56. (Previously Presented) The kit of claim 1 wherein the composition comprises synthetic bone void filler.

57. (Previously Presented) The kit of claim 1 wherein the composition comprises polymethylmethacrylate.

58. (Previously Presented) The kit of claim 1 wherein the composition comprises a hydrogel.

59. (Previously Presented) The kit of claim 1 wherein the composition comprises replicated bone marrow.